

Filed Via Express Mail

Rec No.: EV 332243695 US

On: November 20, 2003

By

Eric L. Maldonado

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Agency Docket No. FUJA 16,140 (100794-11209)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Seiji MIYOSHI, et al.
 Serial No.: 09/318,445
 Filed: May 25, 1999
 Title: DIGITAL SUBSCRIBER LINE...
 Examiner: Pankaj Kumar
 Art Unit: 2631

November 20, 2003

Director of the U.S. Patent and
 Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE

SIR:

In order to comply with discretionary rules
 copy of Form PTO-1449 and copies of the document
 information in which the Examiner may consider to
 patent in the instant application.

As this statement is being filed prior to issuance

Also attached are copies of six separate Notices of
 25, 2003, April 15, 2003 & April 30, 2003, from co-applicant
 All of the documents listed in Form PTO-1449 are

11142811.01

TO: Assistant Commissioner for Patents		PATENTS	
Serial/Patent No.	09/318,445	Any Docket No.	FUJA 16-140
Filing date	5-25-99	Date Mailed	11-20-03
Inventor(s)	S. MIYOSHI, et al.	Attorney	TS
Title	Digital Subscriber Line...		
The U.S. Patent & Trademark Office stamp herein acknowledges receipt of the following:			
Application (Utility or Design)	Total Pages		
Preliminary Amendment	Sheets of Drawings (Figs.)		
Declaration and Power of Attorney	Fee Transmittal Sheet		
Transmittal Letter	Response to Missing Parts		
Small Entity Form	Amendment		
Assignment and Cover Sheet	IDS & Citation in Application Form		
Response to Office Action	Certified Copy of Priority Document		
Petition	Check(s) # for \$		
Certificate of Mailing	Letter to Official Draft Person		
Express Mail Certificate-Label #	Corrected Figures		
Other: EV 332243695 US	Request for Refund of Fee		
PTO 1449 form 3) references	Request for Refund of Fee		

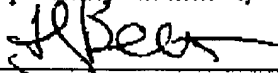
As these documents are written in a language other than English, English Language abstracts and equivalents are annexed thereto explaining their relevancy in accordance with 37 CFR §1.98(a)(3).

The present Information Disclosure Statement is being submitted in compliance with 37 §CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is respectfully solicited.

Any fee due with this paper may be charged on Deposit Account 50-1290.

Respectfully submitted,



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DOCKET NO.: FUJA 16.140(100794-11209)

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